

**To:** Nye, Michael[nye.michael@epa.gov]; Goodrich, James[Goodrich.James@epa.gov]  
**Cc:** Garland, Jay[Garland.Jay@epa.gov]; Ernst, Hiba[Ernst.Hiba@epa.gov]  
**From:** Morgan, Ardra  
**Sent:** Thur 8/10/2017 2:16:40 PM  
**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

Are you in tomorrow Mike?

Ardra Morgan  
Deputy Director

Systems Exposure Division

National Exposure Research Laboratory  
Office of Research and Development

US Environmental Protection Agency  
(919) 541-3658

**From:** Nye, Michael  
**Sent:** Thursday, August 10, 2017 9:59 AM  
**To:** Morgan, Ardra <Morgan.Ardra@epa.gov>; Goodrich, James <Goodrich.James@epa.gov>  
**Cc:** Garland, Jay <Garland.Jay@epa.gov>; Ernst, Hiba <Ernst.Hiba@epa.gov>  
**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

I'm back and working through emails. It would be helpful for me to have a quick catch up call to discuss what I missed and get a list of people down for regular check ins once the CRADA is in place

<M

Michael B. Nye PhD

Net Zero Program Manager

National Exposure Research Laboratory

EPA Region 8 - Denver

US Environmental Protection Agency

T: 303 312 6986

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**From:** Morgan, Ardra

**Sent:** Monday, August 07, 2017 12:12 PM

**To:** Goodrich, James <[Goodrich.James@epa.gov](mailto:Goodrich.James@epa.gov)>

**Cc:** Garland, Jay <[Garland.Jay@epa.gov](mailto:Garland.Jay@epa.gov)>; Nye, Michael <[nye.michael@epa.gov](mailto:nye.michael@epa.gov)>; Ernst, Hiba <[Ernst.Hiba@epa.gov](mailto:Ernst.Hiba@epa.gov)>

**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

Great Jim. Just an FYI, I know Jay has had a conversation with the President of WaterGen, the CRADA announcement will be posted on the FTTA website this afternoon and we have another conf call with OGC and the Administrator's Office at 3:30 today – so the pace should start picking up soon. I assume we'll be setting up weekly or biweekly meetings with the technical folks in the very near futures so we're all in the loop and can keep this moving forward. We'll be sure you're included on the meeting invitation.

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Deputy Director

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**From:** Goodrich, James

**Sent:** Monday, August 07, 2017 2:04 PM

**To:** Morgan, Ardra <[Morgan.Ardra@epa.gov](mailto:Morgan.Ardra@epa.gov)>  
**Cc:** Garland, Jay <[Garland.Jay@epa.gov](mailto:Garland.Jay@epa.gov)>; Nye, Michael <[nye.michael@epa.gov](mailto:nye.michael@epa.gov)>; Ernst, Hiba <[Ernst.Hiba@epa.gov](mailto:Ernst.Hiba@epa.gov)>  
**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

That's fine.

*Jim*

~~~~~  
*James A. Goodrich, Ph.D.*

Sr. Science Advisor

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<http://www.epa.gov/homeland-security-research>

**From:** Morgan, Ardra  
**Sent:** Monday, August 07, 2017 1:26 PM  
**To:** Goodrich, James <[Goodrich.James@epa.gov](mailto:Goodrich.James@epa.gov)>  
**Cc:** Garland, Jay <[Garland.Jay@epa.gov](mailto:Garland.Jay@epa.gov)>; Nye, Michael <[nye.michael@epa.gov](mailto:nye.michael@epa.gov)>  
**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

Hi Jim,

I'm thinking you'll serve as both. We'll rely on you to keep Greg apprised of the latest developments regarding the project and bring him in when/if you feel it's appropriate. You'll also be the T&E POC for the project. Does that sound ok to you?

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**From:** Goodrich, James  
**Sent:** Monday, August 07, 2017 1:21 PM  
**To:** Morgan, Ardra <[Morgan.Ardra@epa.gov](mailto:Morgan.Ardra@epa.gov)>  
**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

Hi Ardra,

I assume I would be the POC for Greg for 'Homeland Security Issues' or just roll into the Test and Evaluation Subgroup?

*Jim*

~~~~~

*James A. Goodrich, Ph.D.*

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**From:** Zach Fenster [<mailto:zachf@water-gen.com>]

**Sent:** Monday, July 31, 2017 3:53 AM

**To:** Morgan, Ardra <[Morgan.Ardra@epa.gov](mailto:Morgan.Ardra@epa.gov)>

**Cc:** 'Maxim Pasik' <[maxim@water-gen.com](mailto:maxim@water-gen.com)>; 'Yehuda Kaploun' <[Yehuda@us.water-gen.com](mailto:Yehuda@us.water-gen.com)>; 'Avi Peretz' <[avi@water-gen.com](mailto:avi@water-gen.com)>; 'Ed Russo' <[Ed.Russo@epa.gov](mailto:Ed.Russo@epa.gov)>; Garland, Jay <[Garland.Jay@epa.gov](mailto:Garland.Jay@epa.gov)>; Nye, Michael <[nye.michael@epa.gov](mailto:nye.michael@epa.gov)>; Ma, Cissy <[Ma.Cissy@epa.gov](mailto:Ma.Cissy@epa.gov)>; Jahne, Michael <[Jahne.Michael@epa.gov](mailto:Jahne.Michael@epa.gov)>; Goodrich, James <[Goodrich.James@epa.gov](mailto:Goodrich.James@epa.gov)>; [sharonr@water-gen.com](mailto:sharonr@water-gen.com); [lb@bienergy.co.il](mailto:lb@bienergy.co.il)

**Subject:** RE: WaterGen/EPA AWG Collaborative Research Effort

Dear Ardra et al,

Thank you for the call Thursday - we also thought it was productive, and we really appreciate you following up so quickly with the QAPP and the EPA team-leads for the subgroups we discussed.

Regarding the QAPP, we understand that the project plan for Water-Gen will be somewhat different, but it will be very helpful for us to see what the plan for a relevant existing project looks like. We will study the QAPP and get back to you (through the relevant subgroups) regarding how the QAPP for Water-Gen should look from our perspective.

Regarding the subgroups, here are the point people from our side:

Technical Lead – Avi Peretz (Co-CEO Water-Gen) [avi@water-gen.com](mailto:avi@water-gen.com) / +972-54-250-7505  
Water Quality – Shikma Ifrach (Chemical Engineer Water-Gen) [shikma@water-gen.com](mailto:shikma@water-gen.com) / +972-54-336-9398

Life Cycle Assessment – Sharon Ram (Chemical Engineer Water-Gen) [sharonr@water-gen.com](mailto:sharonr@water-gen.com) / +972-54-483-8174

Test and Evaluation – Ed Russo (CEO, Water-Gen USA)

**Ex. 6 - Personal Privacy**

Ex. 6 - Personal Privacy

Legal Counsel – Liat Bar-Eli (Chief Counsel, Water-Gen) [lb@bienergy.co.il](mailto:lb@bienergy.co.il) / +972-54-990-2309

CRADA Lead – Yehuda Kaploun (President, Water-Gen USA) [Yehuda@us.water-gen.com](mailto:Yehuda@us.water-gen.com) / 1-

**Ex. 6 - Personal Privacy**

Operations/Logistics – Zach Fenster (Chief of Staff to Water-Gen Executive Chairman)  
[zachf@water-gen.com](mailto:zachf@water-gen.com) / +972-54-708-3960

I would also like to add with your permission another subgroup for Homeland Security – am I correct in assuming that Greg Sayles who was on our call Thursday is the relevant person on this issue? If so, Yehuda and I will follow up with him.

Now that we have the leads for each subgroup, let's move forward in connecting them with each other as you suggested so that they can take the dialogue from here. If you agree, I also propose that we hold a conference call every other week with all of the team-leads to make sure that we are all on the same page.

Thanks again and looking forward to continuing to work together on this project!

**Best Regards,**

**Zach Fenster**

Chief of Staff

Office of the Executive Chairman



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**From:** Morgan, Ardra [<mailto:Morgan.Ardra@epa.gov>]

**Sent:** Thursday, July 27, 2017 8:38 PM

**To:** Zach Fenster

**Cc:** Maxim Pasik; Yehuda Kaploun; Avi Peretz; Ed Russo; Garland, Jay; Nye, Michael; Ma, Cissy; Jahne, Michael; Goodrich, James

**Subject:** WaterGen/EPA AWG Collaborative Research Effort

Thanks to all for participating on the teleconference today. I think it was a productive call and we look forward to continuing our discussion. As promised, I've attached the Quality Assurance Project Plan (QAPP) for an existing project in which we are looking at water condensate capture and reuse. This is, of course, not the exact QAPP that would be used for our work but it will give you some indication of the parameters used in our current AWG-related research.

Below is our initial list of POCs as discussed on our call. We will await your POC list and then set-up some discussions/teleconferences to meet, what I believe we agreed are, the near term objectives:

- finalize the CRADA and associated Statement of Work
- dates for WaterGen visit to the EPA facility in Cincinnati

Technical Lead	Jay Garland	<a href="mailto:garland.jay@epa.gov">garland.jay@epa.gov</a>	513 569 7334
Water Quality	Michael Jahne	<a href="mailto:jahne.michael@epa.gov">jahne.michael@epa.gov</a>	513 487 2354
Life Cycle Assessment	Cissy Ma	<a href="mailto:ma.cissy@epa.gov">ma.cissy@epa.gov</a>	513 569 7828
Test and Evaluation	Jim Goodrich	<a href="mailto:goodrich.james@epa.gov">goodrich.james@epa.gov</a>	513 569 7605
Legal Counsel	Laura Scalise	<a href="mailto:scalise.laura@epa.gov">scalise.laura@epa.gov</a>	202 564 8303
Legal Counsel	Geoff Cooper	<a href="mailto:cooper.geoff@epa.gov">cooper.geoff@epa.gov</a>	202 564 5451
CRADA Lead	Sarah Bauer	<a href="mailto:bauer.sarah@epa.gov">bauer.sarah@epa.gov</a>	202 564 3267
Logistics/Operations/ Catch all	Michael Nye	<a href="mailto:nye.michael@epa.gov">nye.michael@epa.gov</a>	303 312 6986

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